

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/ CN2005 / 000195

## A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C07D231/10 C07D261/06 C07D275/02 C07D413/04 C07D417/04 C07D419/04 A01N43/56 A01N43/80  
According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C07D A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

STN,PAJ, WPI,EPODOC,CA,Cprs,CNKI (pyrazole,isoxazole,1,2-isothiazole,phenyl,oxy,pyridine,insecticid+,acaricid+)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN1118165 A(claim 1-9, pages 28、29、54-57、66-69 in specification)	1-9
X	CN1175575 A(claim 1-20, compounds of pages 5-23 in specification)	1-9
A	CN1154692A (claim 1-11,compounds 1-56)	1-9
A	CN1065658 A (claim 1-10, compounds 1-350)	1-9
A	US6075149 A (claim 1-5, compounds of table 1-32)	1-9
A	US5185342 A (claim 1)	1-9

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	“T” later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
“A” document defining the general state of the art which is not considered to be of particular relevance	“X” document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
“E” earlier application or patent but published on or after the international filing date	“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
“L” document which may throw doubts on priority claim (S) or which is cited to establish the publication date of another citation or other special reason (as specified)	“&”document member of the same patent family
“O” document referring to an oral disclosure, use, exhibition or other means	
“P” document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search 10.05.2005	Date of mailing of the international search report 26 · MAY 2005 (26 · 05 · 2005)
Name and mailing address of the ISA/CN The State Intellectual Property Office, the P.R.China 6 Xitucheng Rd., Jimen Bridge, Haidian District, Beijing, China 100088 Facsimile No. 86-10-62019451	Authorized officer  Telephone No. 62085629

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No. PCT/ CN2005 / 000195
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Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date	
CN1118165 A	19960306	CN1046275C C DE4305502 A1 DE59410323G G EP0757042 B1 US6605631 B1 JP3420768B2 B2 KR270412 B1 MX189518 B RU2130924 C1 US6031110 A RO115353 B1 CZ285824 B6 HU216890 B IL108462 A AU682339 B ES2102206T T3 DE59402610G G EP0686152 B1 NZ261861 A EP0757042 A1 JP8507055T T HU73548 A BR9405937 A CZ9502154 A3 EP0686152 A1 ZA9401189 A AU6109194 A WO9419331 A1	19991110 19940825 20031016 20030910 20030812 20030630 20001101 19980803 19990527 20000229 20000128 19991117 19991028 19981030 19971002 19970716 19970605 19970502 19970324 19970205 19960730 19960828 19960206 19951213 19951213 19951025 19940914 19940901	
CN1175575 A	19980311	DE69715731E E EP0811614 B1 AU726670 B TW367224 A MX9703980 A1 BR9703487 A KR98002028 A HU9701004 A2	20021031 20020925 20001116 19990821 19971201 19990105 19980330 19980628	

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/ CN2005 / 000195

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		CZ9701697 A3	19980415
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		EP0811614 A1	19971210
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		ES2123264T T3	19990101
		DE59503648G G	19981022
		EP0804421 B1	19980916
		KR97704697 A	19970906
		HU77510 A	19980528
		SK9700017 A3	19980708
		CZ9700037 A3	19980617
		JP10504810T T	19980512
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		EP0804421 A1	19971105
		BR9508242 A	19970930
		ZA9510727 A	19970827
		FI9700067 A	19970305
		NO9700042 A	19970305
		AU2922295 A	19960125
		WO9601256 A1	19960118
		DE4423612 A1	19960111
CN1065658 A	19921028	ES2088572T T3	19960816
		DE69211983E E	19960808

**INTERNATIONAL SEARCH REPORT**

International application No.

PCT/ CN2005 / 000195

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		US5342837 A	19940830
		JP6504538T T	19940526
		EP0569384 A1	19931118
		US5221691 A	19930622
		PT100072 A	19930331
		ZA9200277 A	19921028
		AU1161992 A	19920907
		WO9213830 A1	19920820
		EP0569384 B2	20001004
US6075149 A	20000613	JP2000502686T T	20000307
		EP0876351 A1	19981111
		ZA9610841 A	19980826
		AU1195697 A	19970728
		WO9724332 A1	19970710
		DE19548786 A1	19970703
US5185342 A	19930209	JP2818143B2 B2	19981030
		JP2759069B2 B2	19980528
		BR1100785 A3	19980505
		CA2017076 C	19980331
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		KR9502600 B1	19950323
		JP2558001B2 B2	19961127
		JP8253449 A	19961001
		JP8231310 A	19960910
		DE69028136E E	19960926
		US5548078 A	19960820
		EP0398692 B1	19960821
		US5401877 A	19950328
		US5371223 A	19941206
		US5371222 A	19941206
		JP3246268 A	19911101
		BR9002311 A	19910806
		ZA9003689 A	19910227
		CA2017076 A	19901117
		AU5508890 A	19901122
		EP0398692 A	19901122
		BR1100783 A3	19991019

## 国际检索报告

国际申请号  
PCT / CN2005 / 000195

**A. 主题的分类**

IPC7: C07D231/10 C07D261/06 C07D275/02 C07D413/04 C07D417/04 C07D419/04 A01N43/56 A01N43/80  
按照国际专利分类表(IPC)或者同时按照国家分类和 IPC 两种分类

**B. 检索领域**

检索的最低限度文献(标明分类系统和分类号)

IPC7: C07D A01N

包含在检索领域中的除最低限度文献以外的检索文献

在国际检索时查阅的电子数据库(数据库的名称, 和使用的检索词 (如使用))

STN,PAJ, WPI, EPODOC, CA,Cprs,CNKI(吡唑, 异噁唑, 异噻唑, 苯, 氧, 吡啶, 杀虫, 杀螨)

**C. 相关文件**

类 型*	引用文件, 必要时, 指明相关段落	相关的权利要求
X	CN1118165 A(权利要求书 1-9, 说明书的 28、29、54-57、66-69)	1-9
X	CN1175575 A(权利要求书 1-20, 说明书第 5 页-第 23 页化合物)	1-9
A	CN1154692A (权利要求书 1-11, 化合物 1-56)	1-9
A	CN1065658 A (权利要求书 1-10, 化合物 1-350)	1-9
A	US6075149 A (权利要求书 1-5, 表 1-32 化合物)	1-9
A	US5185342 A (权利要求书 1)	1-9

其余文件在 C 栏的续页中列出。

见同族专利附件。

## \* 引用文件的具体类型:

“A” 认为不特别相关的表示了现有技术一般状态的文件

“E” 在国际申请日的当天或之后公布的在先申请或专利

“L” 可能对优先权要求构成怀疑的文件, 或为确定另一篇引用文件的公布日而引用的或者因其他特殊理由而引用的文件

“O” 涉及口头公开、使用、展览或其他方式公开的文件

“P” 公布日先于国际申请日但迟于所要求的优先权日的文件

“T” 在申请日或优先权日之后公布, 与申请不相抵触, 但为了理解发明之理论或原理的在后文件

“X” 特别相关的文件, 单独考虑该文件, 认定要求保护的发明不是新颖的或不具有创造性

“Y” 特别相关的文件, 当该文件与另一篇或者多篇该类文件结合并且这种结合对于本领域技术人员为显而易见时, 要求保护的发明不具有创造性

“&” 同族专利的文件

国际检索实际完成的日期  
10.05 月 2005

国际检索报告邮寄日期  
26 · 5 月 2005 (23 · 05 · 2005)

中华人民共和国国家知识产权局(ISA/CN)  
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电话号码: (86-10)62085629

国际检索报告  
关于同族专利的信息

国际申请号  
PCT/CN2005/000195

检索报告中引用的专利文件	公布日期	同族专利	公布日期	
CN1118165 A	19960306	CN1046275C C DE4305502 A1 DE59410323G G EP0757042 B1 US6605631 B1 JP3420768B2 B2 KR270412 B1 MX189518 B RU2130924 C1 US6031110 A RO115353 B1 CZ285824 B6 HU216890 B IL108462 A AU682339 B ES2102206T T3 DE59402610G G EP0686152 B1 NZ261861 A EP0757042 A1 JP8507055T T HU73548 A BR9405937 A CZ9502154 A3 EP0686152 A1 ZA9401189 A AU6109194 A WO9419331 A1	19991110 19940825 20031016 20030910 20030812 20030630 20001101 19980803 19990527 20000229 20000128 19991117 19991028 19981030 19971002 19970716 19970605 19970502 19970324 19970205 19960730 19960828 19960206 19951213 19951213 19951025 19940914 19940901	19991110 19940825 20031016 20030910 20030812 20030630 20001101 19980803 19990527 20000229 20000128 19991117 19991028 19981030 19971002 19970716 19970605 19970502 19970324 19970205 19960730 19960828 19960206 19951213 19951213 19951025 19940914 19940901
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